

APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN ENGINEERING, CERTIFICATE

This certificate is designed to introduce undergraduate engineering students to core principles of the effective use of Artificial Intelligence (AI) tools, which is a skillset in high demand across all engineering fields. Students may choose from a wide variety of courses to complete the certificate, which should include a course in methods and a course in ethics. The culminating course provides students with a hands-on experience including significant application of AI that could be gained from one of the following:

1. a capstone course,
2. a co-op experience,
3. an approved research experience, or
4. additional advanced coursework.

The program is open to any degree-seeking undergraduate engineering student - including students in Biological Systems Engineering - with a plan of study that fulfills the certificate requirements. Applications can be submitted at any time, but students are encouraged to apply early to ensure a smooth and successful completion of the program.